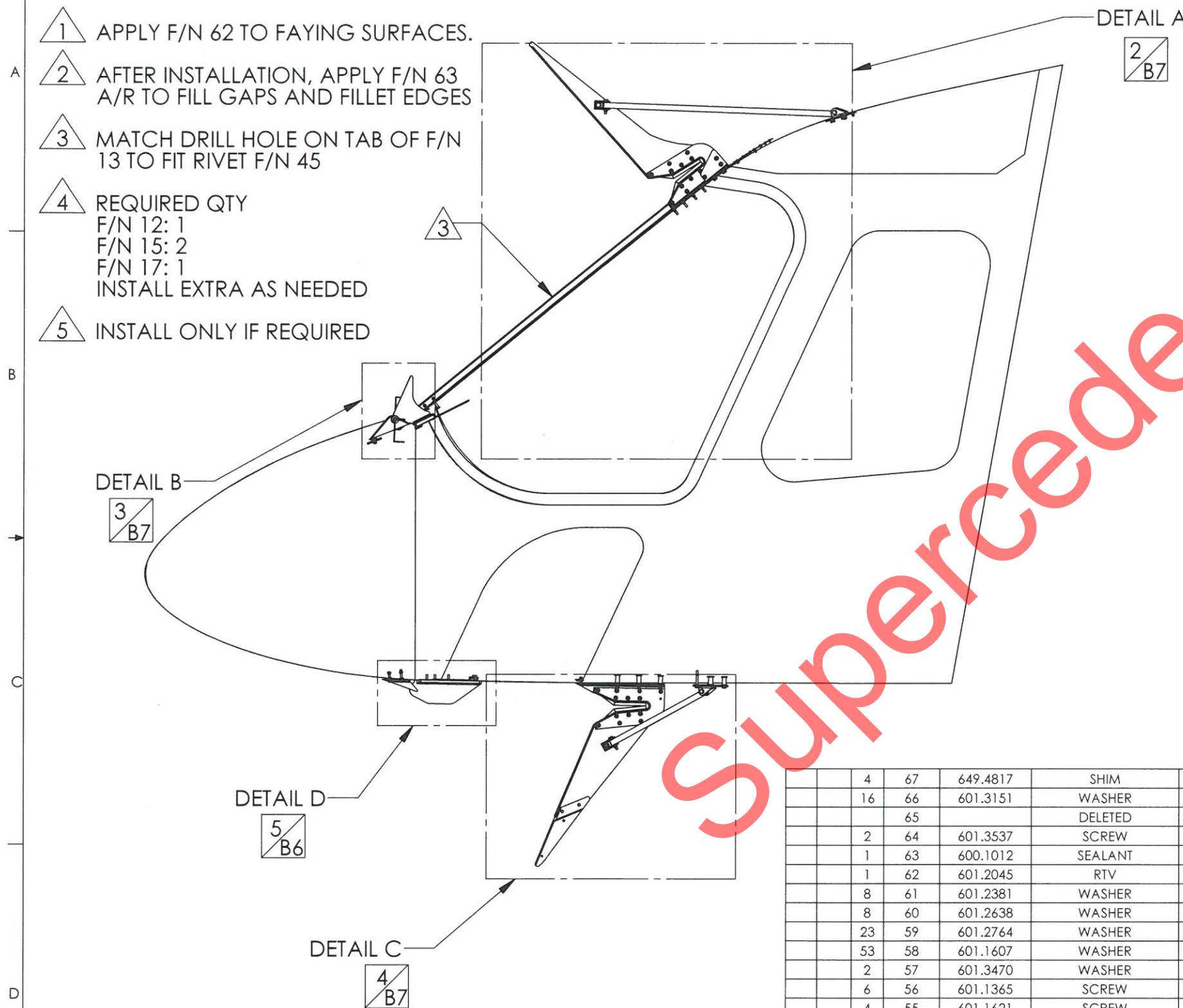


NOTES:


- 1 APPLY F/N 62 TO FAYING SURFACES.
- 2 AFTER INSTALLATION, APPLY F/N 63 A/R TO FILL GAPS AND FILLET EDGES
- 3 MATCH DRILL HOLE ON TAB OF F/N 13 TO FIT RIVET F/N 45
- 4 REQUIRED QTY
F/N 12: 1
F/N 15: 2
F/N 17: 1
INSTALL EXTRA AS NEEDED
- 5 INSTALL ONLY IF REQUIRED



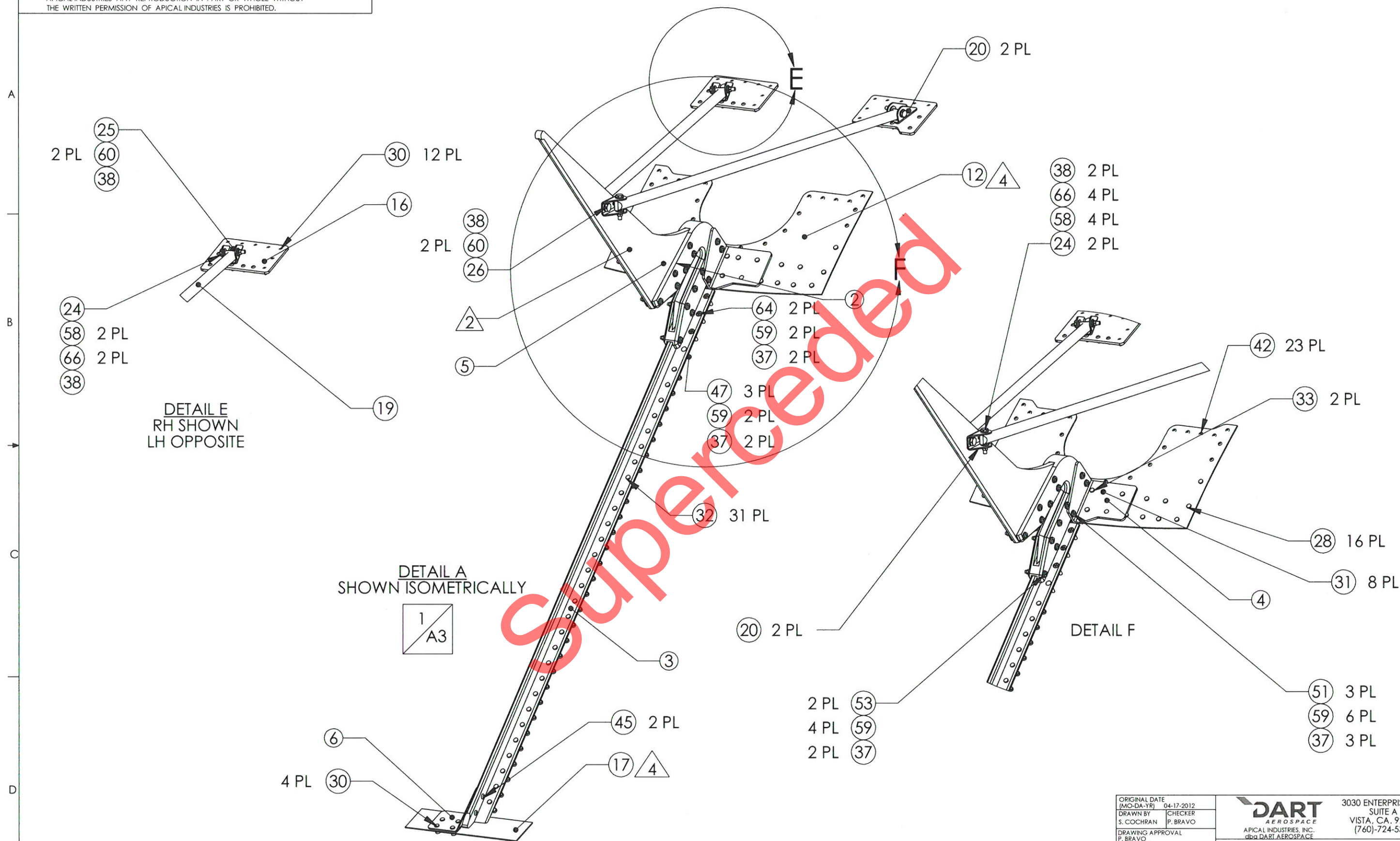
REVISIONS				REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED	REV.	DESCRIPTION	DATE	APPROVED
C	INCORPORATED ECN 03732, 03885, 04486, 05503	07-28-16	P. BRAVO		LAST PROTOTYPE REVISION: PR2		
				N/C	INITIAL RELEASE	01-26-12	P. BRAVO
				A	INCORPORATED ECN 03444, 03489	04-17-12	P. BRAVO
				B	INCORPORATED ECN 03527	05-29-12	P. BRAVO

		2	48	601.3252	SCREW	MS24694S58	
		3	47	601.3536	SCREW	MS24694-S13	
		2	46	601.3146	SCREW	MS24694C57	
		8	45	601.1125	RIVET	MS20470AD5-11	
		4	44	601.2542	RIVET	MS20470AD5-9	
			43		DELETED		
		23	42	601.1773	RIVET	MS20470AD4-3	
		12	41	601.1616	RIVET	MS20426AD3-5	
		6	40	601.1900	NUTPLATE	MS21059-3	
		1	39	601.3209	LOCKNUT	MS21042L4	
		25	38	601.1624	LOCKNUT	MS21042L3	
		14	37	601.1541	LOCKNUT	MS21042L08	
		2	36	601.3008	INSERT	NAS1834C-300	
		2	35	601.3468	INSERT	NAS1832-4-7	
		8	34	601.3459	INSERT	NAS1832-3-7	
		2	33	601.3474	CHERRY RIVET	CR3214-5-02	
		31	32	601.3496	CHERRY RIVET	CR3213-6-12	
		20	31	601.3472	CHERRY RIVET	CR3213-5-05	
		29	30	601.1183	CHERRY RIVET	CR3213-4-05	
			29		DELETED		
		16	28	601.2020	CHERRY RIVET	CR3213-5-03	
		2	27	601.3473	CHERRY RIVET	NAS1097AD-4-3	
		2	26	601.2669	BOLT	AN4C7A	
		4	25	601.3555	BOLT	AN4C5A	
		8	24	601.0788	BOLT	AN3C12A	
		1	23	649.5112	WIPER DEFLECTOR		
		1	22	649.5111	WIPER DEFLECTOR		
		2	21	649.5110	WIPER DEFLECTOR		
		8	20	647.9014	STRUT BRACKET		
		4	19	646.9910	STRUT		
		3	18	649.4815	SHIM		
		3	17	649.4812	SHIM		△4
		2	16	649.5213	DOUBLER		
		4	15	649.4813	SHIM		△4
		1	14	649.5211	SHIM		
		2	13	601.3493	QUICK RELEASE PIN		△3
		3	12	649.4816	DOUBLER		△4
		2	11	649.4814	DOUBLER		
		2	10	649.5210	DOUBLER		
		1	9	649.5011	DEFLECTOR		
		2	8	649.5013	DEFLECTOR		
		2	7	649.5012	DEFLECTOR		
		1	6	649.4811	CLIP		
		1	5	649.5212	BRACKET		
		1	4	649.5214	BRACKET		
		1	3	649.5010	DEFLECTOR		
		1	2	649.4901	UPPER CUTTER ASSY		
		1	1	649.4902	LOWER CUTTER ASSY		
		⊗		649.4701	A119 CABLE CUTTERS KIT		
		4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC.

		4	67	601.4817	SHIM		5
		16	66	601.3151	WASHER	NAS1149F0363P	
			65		DELETED		
		2	64	601.3537	SCREW	MS24694-S14	
		1	63	600.1012	SEALANT	PR-1425 CLAS B	
		1	62	601.2045	RTV	LOCTITE 598	1
		8	61	601.2381	WASHER	NAS620C-10L	
		8	60	601.2638	WASHER	NAS1149F0432P	
		23	59	601.2764	WASHER	NAS1149FN832P	
		53	58	601.1607	WASHER	NAS1149F0332P	
		2	57	601.3470	WASHER	AN970-3	
		6	56	601.1365	SCREW	MS27039-1-10	
		4	55	601.1621	SCREW	MS27039-1-08	
		2	54	601.3289	SCREW	MS27039-1-25	
		6	53	601.2765	SCREW	MS27039-0819	
		13	52	601.3190	SCREW	MS27039-1-13	
		3	51	601.3124	SCREW	MS27039-0824	
		4	50	601.1622	SCREW	MS27039-1-14	
		4	49	601.2910	SCREW	MS27039-1-18	
		4701	FIND #	PART #	DESCRIPTION	MAT'L	SPEC

QTY		PARTS LIST			
NEXT ASSY (S)	ORIGINAL DATE (MO-DA-YR)		04-17-2012		 3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300
	DRAWN BY S. COCHRAN		CHECKER P. BRAVO		
	DRAWING APPROVAL P. BRAVO 04-17-2012		APICAL INDUSTRIES, INC. dba DART AEROSPACE		A119 CABLE CUTTERS KIT
	CONTRACT NO.				
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.010 3 PLACE DECIMALS ±.005 ANGLES ±.5°				
C.	SIZE	CAGE CODE	DWG. NO.	REV.	
	B	07MZ6	649.4700	C	
SCALE NONE				SHEET 1 OF 5	

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ORIGINAL DATE (MO-DA-YR) 04-17-2012		DRAWN BY S. COCHRAN		CHECKER P. BRAVO		DRAWING APPROVAL P. BRAVO		CONTRACT No.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°	
DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		APICAL INDUSTRIES, INC. dba DART AEROSPACE		A119 CABLE CUTTERS KIT		SIZE B		CAGE CODE 07MZ6	
DWG. NO. 649.4700		REV. C		SCALE NONE		SHEET 2 OF 5					

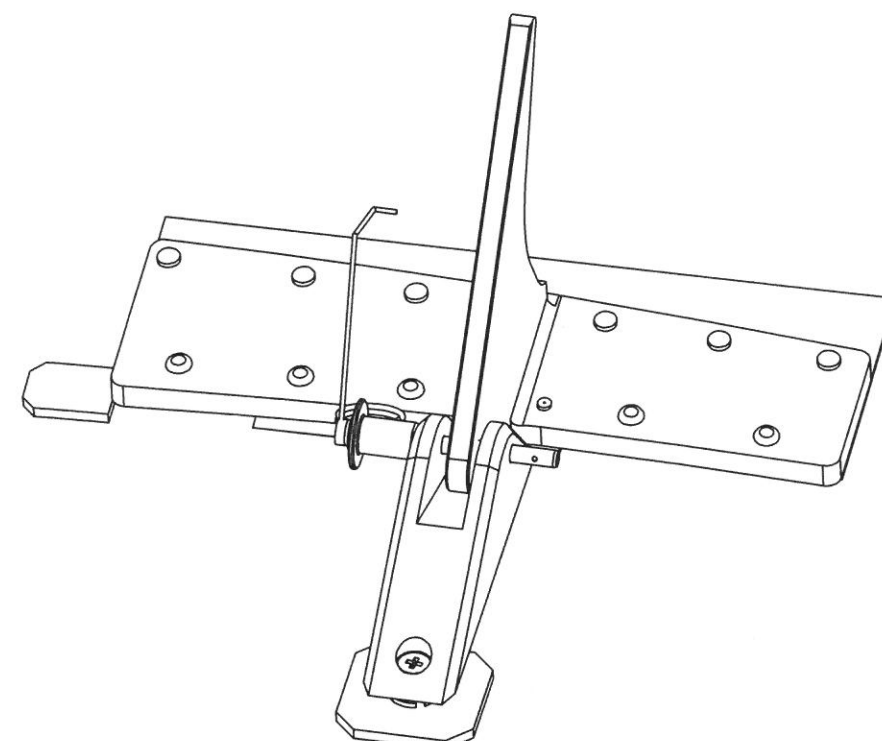
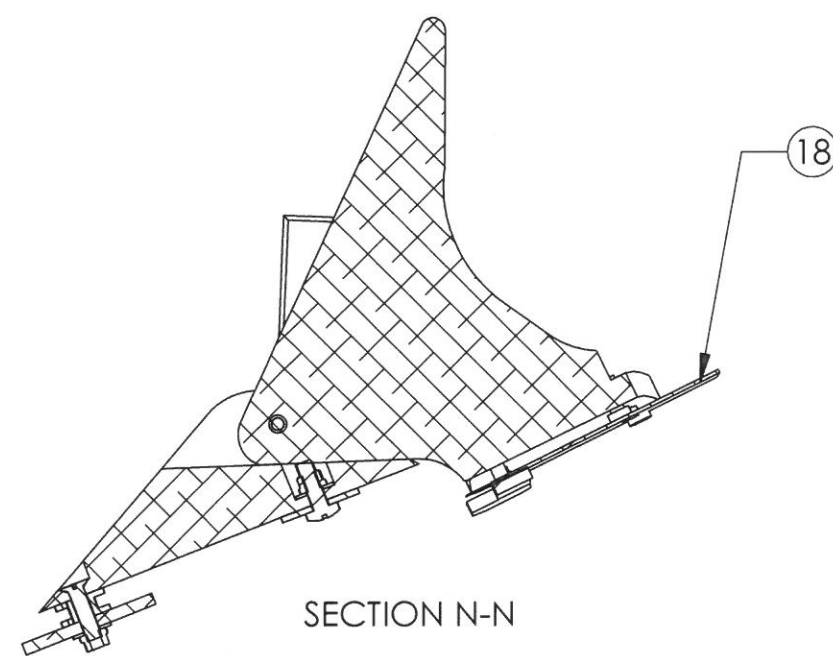
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C C

22 SHOWN
23 OPPOSITE

48
36
58
38
55
57
58
38
15 4

3 PL 45
11 13
21
27
2 PL 44
31 6 PL
N N

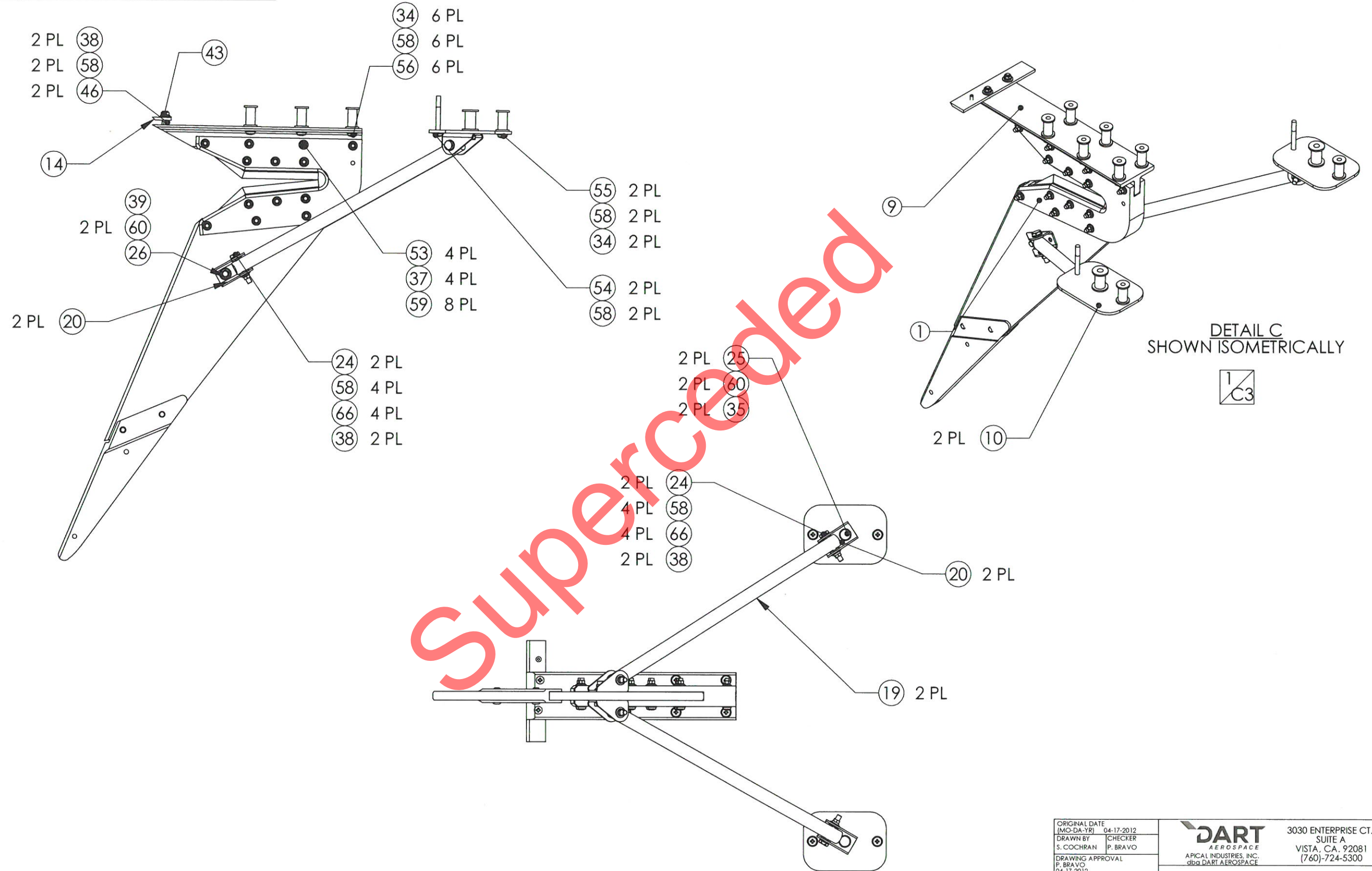


DETAIL B
SHOWN ISOMETRICALLY
RH SHOWN
LH OPPOSITE

1
B2

ORIGINAL DATE (MO-DA-YR) 04-17-2012		DRAWN BY S. COCHRAN		CHECKER P. BRAVO		DRAWING APPROVAL P. BRAVO 04-17-2012		CONTRACT No.		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ± .5°	
DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300		A119 CABLE CUTTERS KIT		SIZE B	CAGE CODE 07MZ6	DWG. NO. 649.4700	REV. C	SCALE NONE	
										SHEET 3 OF 5	

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ORIGINAL DATE (MO-DA-YR) 04-17-2012		 APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 04-17-2012		A119 CABLE CUTTERS KIT			
CONTRACT No.					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE: 2 PLACE DECIMALS ±.01 3 PLACE DECIMALS ±.005 ANGLES ±.5°		SIZE	CAGE CODE	DWG. NO.	REV.
		B	07MZ6	649.4700	C
		SCALE NONE		SHEET 4 OF 5	

1 2 3 4 5 6 7 8

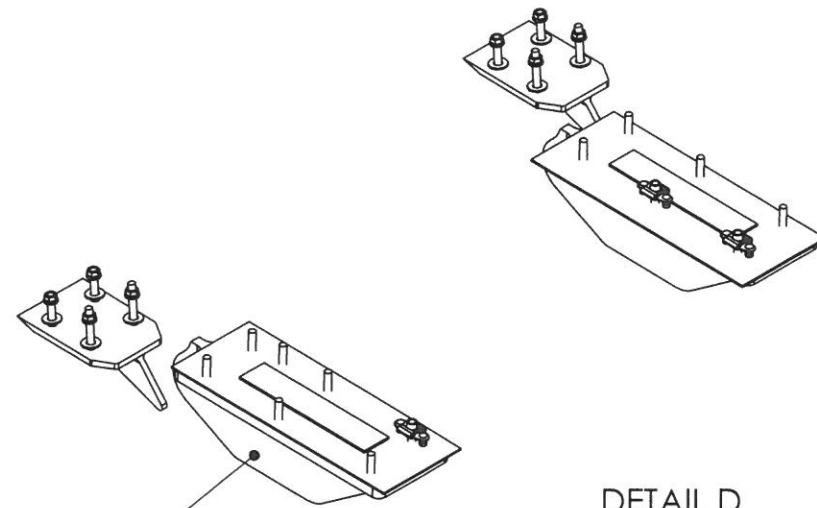
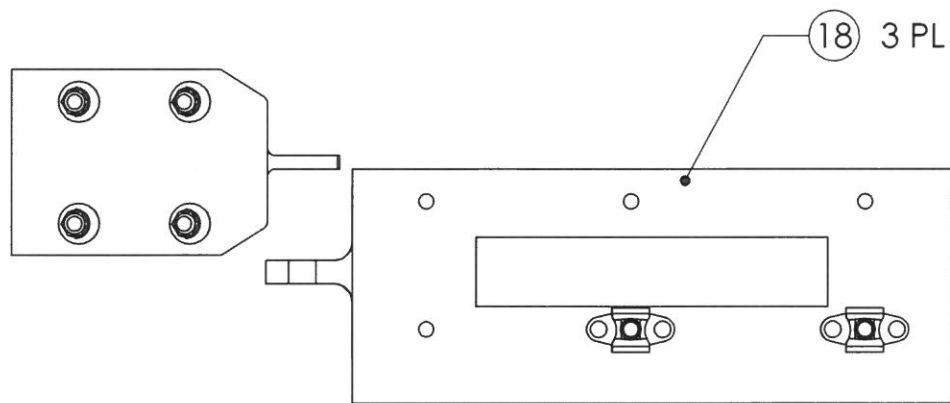
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A

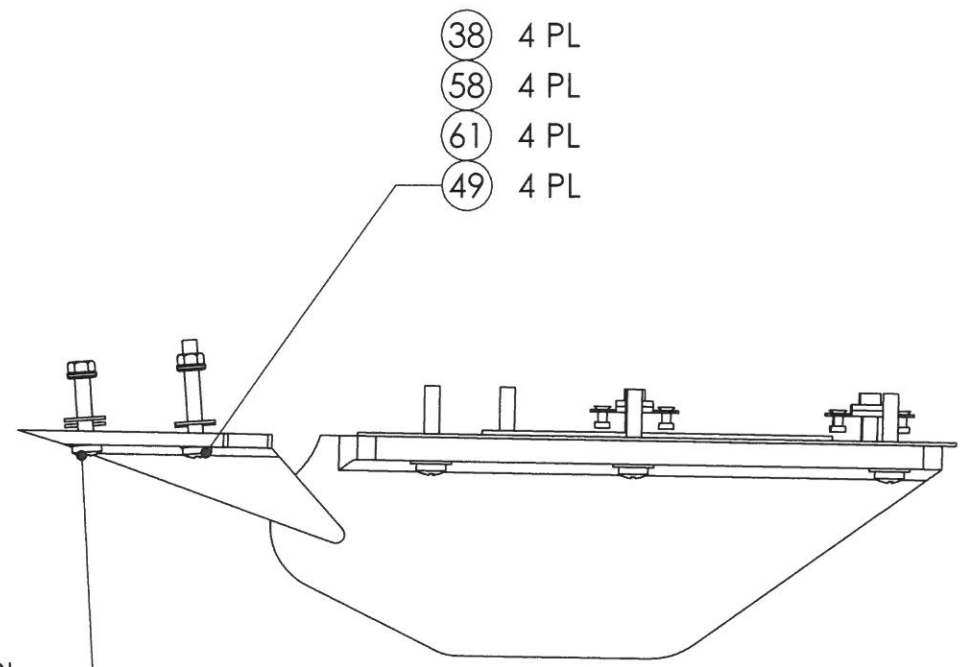
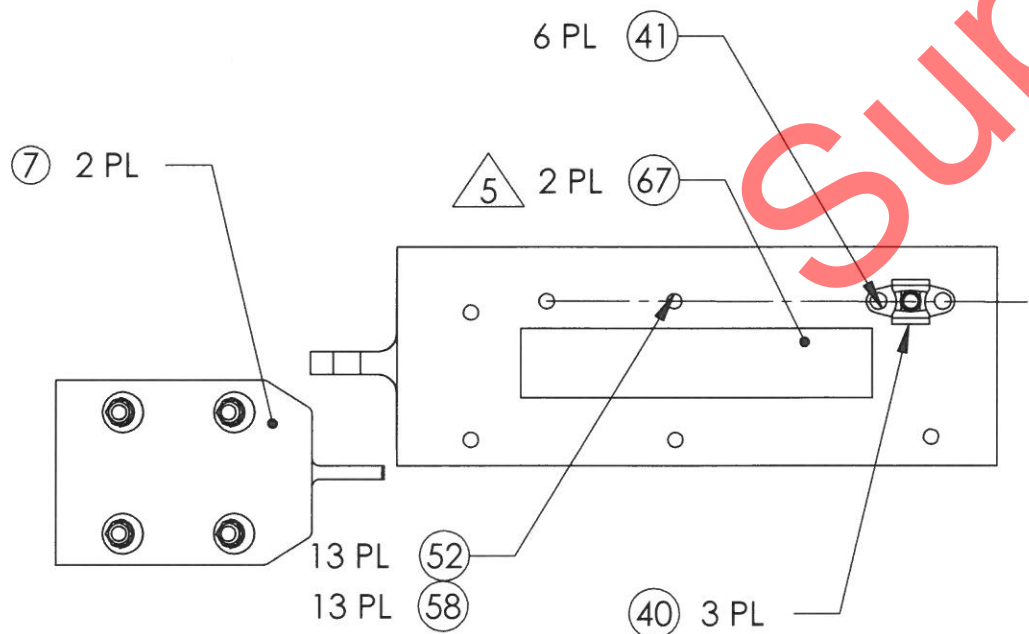
B

C


D



DETAIL D
SHOWN ISOMETRICALLY



- 50 4 PL
- 61 4 PL
- 58 4 PL
- 38 4 PL

ORIGINAL DATE (MO-DA-YR) 04-17-2012		 DART AEROSPACE APICAL INDUSTRIES, INC. dba DART AEROSPACE		3030 ENTERPRISE CT., SUITE A VISTA, CA. 92081 (760)-724-5300	
DRAWN BY S. COCHRAN	CHECKER P. BRAVO				
DRAWING APPROVAL P. BRAVO 04-17-2012		A119 CABLE CUTTERS KIT			
CONTRACT No.					
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		B	07MZ6	649.4700	C
		SCALE NONE			SHEET

Superceded